

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 2/8/06 Serial # 10/791,777 Priority Application Date 3/5/03

Your Name M. Lewis Examiner # _____

AU 2822 Phone 202-1538 Room 5A30

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐
Secondary Refs ☒ Foreign Patents ☐ Other ☐

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patfr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 14-18 + 25
MO = Transistor
Problem: See page 1 + 2
Solution: " " 2-6
low resistance to go
Direct leakage current + driven

Staff Use Only

Searcher: Michael C. Pizarro

Searcher Phone: 571-272-2613

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 2/14/06

Date Completed: 2/15/06

Searcher Prep/Rev Time: 300

Online Time: 116

Type of Search

Structure (#) _____

Bibliographic ☒

Litigation _____

Fulltext _____

Patent Family ☒

Other _____

Vendors

STIC ☒

Dialog ☒

Questel/Orbit _____

Lexis-Nexis _____

WWW/Internet _____

Other _____

2/15/06

10/791777

(FILE 'HOME' ENTERED AT 11:04:24 ON 15 FEB 2006)

FILE 'CAPLUS' ENTERED AT 11:04:35 ON 15 FEB 2006

L1 620258 SEA ABB=ON PLU=ON SEMICONDUCT##### OR SEMI CONDUCT##### OR
IC OR MICROCHIP OR MICRO CHIP OR MOS OR METAL OXIDE SEMICONDUCT
OR
L2 209847 SEA ABB=ON PLU=ON TRANSISTOR OR NMOS OR PMOS OR METAL OXIDE
OR METAL OXIDE
L3 222423 SEA ABB=ON PLU=ON SILIC#####(3A)(LAYER##### OR FILM##### OR
FINISH##### OR COAT##### OR MULTILAYER##### OR MULTI LAYER#####)
L4 6111 SEA ABB=ON PLU=ON DUMM#####
L5 36830 SEA ABB=ON PLU=ON (LEAK##### OR JUNCTION)(3A)CURRENT OR
LEAK####(3A)(PREVENT##### OR MINIM##### OR DECREAS##### OR
LOWER##### OR ELIMINAT#####) OR JUNCTION(3A)LEAK#####
L6 654936 SEA ABB=ON PLU=ON DISCONNECT##### OR SHORT##### OR SHORTCIRCU
IT#####
L7 40501 SEA ABB=ON PLU=ON RESIST#####(3A)(REDUC#### OR LOWER##### OR
MINIM##### OR ELIMINAT#####)
L8 0 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L4 AND L5 AND L6 AND
L7
L9 41 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L5 AND L6
L10 0 SEA ABB=ON PLU=ON L9 AND L4
L11 2 SEA ABB=ON PLU=ON L9 AND L7
L12 8 SEA ABB=ON PLU=ON L9 AND (GATE ELECTRODE)
L13 8 SEA ABB=ON PLU=ON L12 AND PY<=2003
D L11 1-2 IBIB ABS
L14 8 SEA ABB=ON PLU=ON L13 NOT L11
D L14 1-8 IBIB ABS

FILE 'STNGUIDE' ENTERED AT 11:19:25 ON 15 FEB 2006